

Please replace the Abstract with the following:

Abstract

Recombinant host cells that comprise recombinant DNA expression vectors that drive expression of a product and a precursor for biosynthesis of that product can be used to produce useful products such as polyketides in host cells that do not naturally produce the product or produce the product at low levels due to the absence of the precursor or the presence of the precursor in rate limiting amounts. The present invention provides recombinant polyketide synthase genes containing a KSQ domain, an ACP domain, and an acyltransferase (AT) that is specific for ethylmalonyl CoA, as well as cells containing such genes, and methods to use such cells to produce polyketides.